

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listing of claims in the application.

**Listing of Claims:**

1-7. (canceled)

8. (previously presented) An automatic analyzer according to claim 17, further comprising a storage means for storing the acoustic wave irradiation position of the acoustic wave irradiated from said first means for generating an acoustic wave in an associated format for each of a plurality of analysis items,

wherein said control means refers to stored data in said storage means to determine the irradiation position of the acoustic wave irradiated from said first means for generating an acoustic wave in conformance to each analysis item.

9. (previously presented) An automatic analyzer according to claim 17, further comprising a storage means for storing an amount of specimen and reagent required for each of a plurality of analysis items in an associated format,

wherein said control means refers to stored data in said storage means to calculate the liquid level of the specimen and reagent contained in the reaction vessel in conformance to each analysis item to be analyzed, and to determine the irradiation position of the acoustic wave irradiated from said first means for generating an acoustic wave according to the calculated liquid level.

10. (previously presented) An automatic analyzer according to claim 17, further comprising a receiving means for receiving a command on the position for irradiation of the acoustic wave irradiated from said first means for generating an acoustic wave,

wherein said control means determines the irradiation position of the acoustic wave irradiated from said first means for generating an acoustic wave according to the command received by said receiving means.

11. (canceled)

12. (previously presented) An automatic analyzer according to claim 17, further comprising a storage means for storing the acoustic wave irradiation intensity of the acoustic wave irradiated from said first means for generating an acoustic wave in an associated format for each of a plurality of analysis items,

wherein said control means refers to stored data in said storage means to determine the irradiation intensity of the acoustic wave generated from said first means for generating an acoustic wave in conformance to each analysis item.

13. (previously presented) An automatic analyzer according to claim 17, further comprising a storage means for storing the acoustic wave irradiation intensity of the acoustic wave irradiated from said first means for generating an acoustic wave

in an associated format for reagent information corresponding to each of a plurality of analysis items, respectively,

wherein said control means refers to stored data in said storage means to determine the irradiation intensity of the acoustic wave irradiated from said first means for generating an acoustic wave in conformance to the reagent to be analyzed.

14. (previously presented) An automatic analyzer according to claim 17, further comprising a reading means for reading information on acoustic wave irradiation intensity of the acoustic wave irradiated from said first means for generating an acoustic wave recorded on a reagent bottle containing the reagent before it is poured into said reaction vessel,

wherein said control means refers to the reading of said information by said reading means to determine irradiation intensity of the acoustic wave irradiated from said first means for generating an acoustic wave in conformance to the reagent.

15. (previously presented) An automatic analyzer according to claim 17, further comprising a receiving means for receiving a command on the intensity for irradiation of the acoustic wave irradiated from said first means for generating an acoustic wave,

wherein said control means determines the irradiation intensity of the acoustic wave generated from said first means for generating an acoustic wave according to the command received by said receiving means.

16. (canceled)

17. (currently amended) An automatic analyzer comprising:

an analyzing unit for analyzing physical properties of a specimen;

a reaction vessel for containing a liquid ~~which~~ that includes said specimen and a reagent corresponding to an analysis item for a physical property of said specimen,

a first means for generating an acoustic wave located laterally outside of said reaction vessel for irradiating an acoustic wave toward said reaction vessel,

a second means for generating a lower acoustic wave which is irradiated upwardly from a bottom of the reaction vessel, and

a control means for controlling a position for irradiation of the acoustic wave by said first means for generating an acoustic wave according to a level of said liquid.